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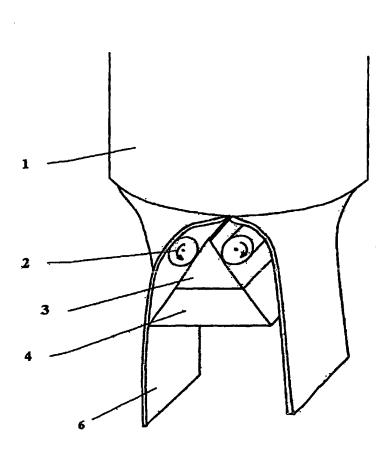
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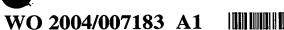
20, 64673 Zwingenberg (DE).

[Continued on next page]

(54) Title: GIUDING OF A CUT-OPEN PARISON



(57) Abstract: The invention relates to a device for partitioning the plastic parisons to give at least one semifinished open-surface product (6), where the device encompasses at least one means of partitioning (3) the plastic parison and one means of drive (2). The means of drive may be composed of one, but preferably of two, driven rolls. It has been found that use of the device of the invention can reduce or prevent the production of creasing and irregularity at the margins, i.e. at the cut edges, of the partitioned parisons, i.e. of the resultant semifinished sheets.





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. DOCUM	MENTS CONSIDERED TO BE RELEVANT		
Calegory '	Citation of document, with Indication, where appropriate, of the	e relevant passages	Relevant to daim No.
Κ	PATENT ABSTRACTS OF JAPAN vol. 011, no. 120 (M-580), 15 April 1987 (1987-04-15) & JP 61 261021 A (KYORAKU CO LT	ΓD),	1-6, 11-13
Υ	19 November 1986 (1986-11-19) abstract; figures 1-6		7,8
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11, 3 January 2001 (2001-01-03) & JP 2000 218684 A (KYORAKU CO	I TN)	1-4,6, 11-13
Y	8 August 2000 (2000-08-08) abstract; figures 2,3	LID),	7,8
X F	urther documents are listed in the continuation of box C.	X Patent family members are its	ted In annex.
"A" docu con "E" earlie filin "L" docu whi cita "O" docu othe "P" docu	categories of cited documents: Iment defining the general state of the art which is not sidered to be of particular relevance or document but published on or after the international g date ment which may throw doubts on priority claim(s) or ch is cited to establish the publication date of another tion or other special reason (as specified) Iment referring to an oral disclosure, use, exhibition or er means Iment published prior to the international filing date but or than the priority date claimed	"T" later document published after the or priority date and not in conflict cited to understand the principle of invention." "X" document of particular relevance; to cannot be considered novel or call involve an inventive step when the "Y" document of particular relevance; to cannot be considered to involve a document is combined with one of ments, such combination being of in the art. "&" document member of the same particular relevance."	with the application but ritheory underlying the he claimed invention not be considered to e document is taken alone he claimed invention in inventive step when the rmore other such docu-brious to a person skilled tent family
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		PCT/EP 03/	0/303
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		Solovent to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	l	Relevant to claim No.
Υ	EP 1 110 697 A (SOLVAY) 27 June 2001 (2001-06-27)		7,8
A	the whole document and in particular paragraph 0046 and claim 7		1-4,6, 11-13
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 585 (M-1700), 9 November 1994 (1994-11-09) & JP 06 218792 A (JAPAN STEEL WORKS LTD:THE), 9 August 1994 (1994-08-09) abstract; figures 1,2		1-8, 11-13
А	DE 100 10 900 A (KRETH LUDWIG ;LAMPART DIETER (DE)) 13 September 2001 (2001-09-13) the whole document		1,4-6, 11,13
A	FR 2 420 415 A (FRAME SA) 19 October 1979 (1979-10-19) the whole document		1,4-6,13



INTERATIONAL SEARCH REPORT

Information on patent family members



Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 61261021	Α	19-11-1986	JP JP	1714894 C 4002087 B	27-11-1992 16-01-1992
JP 2000218684	Α	08-08-2000	NONE		
EP 1110697	Α	27-06-2001	BE BR EP JP US	1013191 A3 0006238 A 1110697 A2 2002103427 A 2001015513 A1	02-10-2001 18-09-2001 27-06-2001 09-04-2002 23-08-2001
JP 06218792 4	Α	17-08-1987	NONE		
DE 10010900	A	13-09-2001	DE	10010900 A1	13-09-2001
FR 2420415	Α	19-10-1979	FR	2420415 A1	19-10-1979